

**UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF MISSOURI
EASTERN DIVISION**

JENNIFER GIERER,)
)
 Plaintiff,)
)
 v.) No. 4:14-CV-1382 CAS
)
 REHAB MEDICAL, INC., et al.,)
)
 Defendants.)

MEMORANDUM AND ORDER

This matter is before the Court on plaintiff's motion for leave to amend the complaint to conform to evidence. Defendant opposes the motion and has filed a cross motion for sanctions. The motions are fully briefed. For the following reasons, the Court will grant plaintiff's motion for leave to amend the complaint, and deny defendant's cross motion for sanctions.

Legal Standard

Plaintiff sought leave to amend her complaint nearly seven months after the deadline in the case management order for filing such motion. Where a party seeks leave to amend its complaint after the deadline in the case management order has passed, Fed. R. Civ. P. 16(b)'s good-cause standard applies, not the standard of Rule 15(a). Under Rule 16(b), the party must show good cause in order to be granted leave to amend. Sherman v. Winco Fireworks, Inc., 532 F.3d 709, 716 (8th Cir. 2008); Popoalii v. Correctional Med. Servs., 512 F.3d 488, 497 (8th Cir. 2008).

“The primary measure of good cause is the movant’s diligence in attempting to meet the order’s requirements.” Rahn v. Hawkins, 464 F.3d 813, 822 (8th Cir. 2006). “While the prejudice to the nonmovant resulting from modification of the scheduling order may also be a relevant factor, generally, we will not consider prejudice if the movant has not been diligent in meeting the

scheduling order's deadlines." Sherman, 532 F.3d at 717 (citing Bradford v. DANA Corp., 249 F.3d 807, 809 (8th Cir. 2001) (concluding there was no need to inquire beyond the first criterion, diligence, because the record clearly demonstrated the plaintiff made only minimal efforts to satisfy the scheduling order's requirements)).

Discussion

As a threshold matter, the parties do not agree on what relief plaintiff is seeking. Plaintiff has filed a motion for leave to amend the complaint to conform to the evidence. She states that her proposed third amended complaint would simply reflect newly-discovered evidence that defendant has paid her unpaid wages, which renders moot her statutory unpaid wages claim in Count II. In her second amended complaint, Count II was pled as a Missouri statutory claim for unpaid wages and commissions due. Plaintiff proposes to voluntarily dismiss her statutory unpaid wages claim from Count II, while keeping her statutory unpaid commissions claim in Count II. Because plaintiff states she is only voluntarily dismissing the claim for unpaid wages, and alleging no new claims, the motion for leave to amend should be granted. She states she was diligent in moving to amend once she discovered defendant had paid her unpaid wages.

Defendant disagrees. Defendant argues that plaintiff has never pleaded a statutory unpaid commissions claim in Count II. Defendant states that Count II of the proposed third amended complaint brings an entirely new statutory claim for unpaid commissions. (Resp. at 2.) Defendant relies on plaintiff's failure to cite to Missouri Statute § 407.913 governing unpaid commissions in her second amended complaint. Count II of plaintiff's second amended complaint had only cited Missouri Statute § 290.110 governing unpaid wages. Plaintiff's proposed third amended complaint adds the statutory citation governing unpaid commissions to Count II.

The master units M11 to M13 and the slave units S11 to S13 are connected to one another through the cross bar XB1. To be more precise, the connection is done such that the master units M11 to M13 and the slave units S11 to S13 are connected by lines 5 or buses, which are not shown in any more detail in FIG. 2, to associated connections of the cross bar XB1, and such that the connections of the cross bar XB1 to which the master units M11 to M13 are connected are each connected to all the connections to which the slave units S11 to S13 are connected.

10

In addition to the internal connections that have been mentioned, the cross bar XB1 contains arbiters A11 to A13 and multiplexers MUX11 to MUX13.

15 The arbiters A11 to A13 are connected upstream of the connections of the cross bar XB1 to which the slave units S11 to S13 are connected. To be more precise, this is done such that:

20 - the arbiter A11 is connected upstream of that connection of the cross bar XB1 to which the slave unit S11 is connected;

25 - the arbiter A12 is connected upstream of that connection of the cross bar XB1 to which the slave unit S12 is connected; and

- the arbiter A13 is connected upstream of that connection of the cross bar XB1 to which the slave unit S13 is connected.

5

The arbiters A11 to A13 monitor whether any of the master units M11 to M13 are requesting a connection for the slave unit that is connected to that connection of the cross bar that is connected upstream of the respective arbiter, and

10 produce a connection between the relevant slave unit and the master unit that has requested the connection, when an appropriate connection request is present and the slave unit is not currently connected to any other master unit or - for whatever reason - must be connected to another master unit

15 prior to this.

The multiplexers MUX11 to MUX13 are connected upstream of those connections of the cross bar XB1 to which the master units M11 to M13 are connected. To be more precise, the

20 connection is done such that:

- the multiplexer MUX11 is connected upstream of that connection of the cross bar XB1 to which the master unit M11 is connected;

25

- the multiplexer MUX12 is connected upstream of that connection of the cross bar XB1 to which the master unit M12 is connected; and

5 - the multiplexer MUX13 is connected upstream of that connection of the cross bar XB1 to which the master unit M13 is connected.

The multiplexers MUX11 to MUX13 are controlled by the arbiters 10 A11 to A13, to be precise, in such a manner that data that is emitted from the slave units is in each case supplied to the master unit, to be more precise, only that master unit that has requested the connection for the relevant slave unit.

15 For the sake of completeness, it should be mentioned that at least those lines by which the master units M11 to M13 request a connection for one of the slave units S11 to S13 are not routed through the multiplexers.

20 It is also possible for different master units to be connected to different slave units at the same time. For example, the first master unit M11 can be connected to the second slave unit S12, the second master unit M12 can be connected to the first slave unit S11, and the third master unit M13 can be 25 connected to the third slave unit S13 at the same time through

those internal connections of the cross bar XB1 that are shown by thicker lines.

The cross bar XB1, thus, allows data to be transmitted very 5 efficiently between the devices connected to it.

However, this is true only when the execution of mutually corresponding actions, which one master unit can request from different slave units, take place from the point of view of 10 the master unit in accordance with the same scheme, in particular, having the same timing.

For example, this is not the case when the master unit receives the data requested from a first slave unit after n 15 clock cycles and receives the data requested from a second slave unit later, that is to say, only after $n + m$ clock cycles. This may occur, for example, when the second slave unit requires a longer time to emit the data requested from it than the first slave unit. If differences such as these are 20 present:

- the special features of the respective slave units, in particular, the reaction times of the slave units, must be set in the master unit to the requirements emitted 25 from the master unit, or

- the cross bar must contain so-called wait state generators, which produce so-called wait states to signal to the master units that the slave unit has not yet reacted to the request from the master unit.

5

However, this makes the design and operation of the master units and of the cross bar more complex and complicated.

Furthermore, the various reaction times of the slave units to 10 a request from a master unit do not depend only on the design of the slave unit but also on the signal delay times between the master units and the slave units.

The length of the signal delay times depends, *inter alia*, on 15 the length of the connecting lines between the master units and/or the slave units and the cross bar, thus, the signal delay times may differ considerably from one another.

Furthermore, poor signal delay times may make it necessary to 20 insert one or more pipeline stages, in the form of flipflops for example, in the signal paths between certain master units and the cross bar and/or between certain slave units and the cross bar, and these pipeline stages may result in additional delays in the reaction of the slave units to a request from a 25 master unit.